PATENT Atty. Dkt. AMAT/2592.C8/DSM/LOW K/JW \$

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In a Application of:

Serial No.: 10/765,361

Confirmation No.: Unknown

Filed:

January 27, 2004

For:

Method of Depositing Low

K Films

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: Unknown

Examiner:

Unknown

CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on April 30, 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

April 30, 2004

Date

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No.20-0782/AMAT/2592.C8/KMT.

Respectfully submitted,

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Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Application Number	10/765,361
Filing Date	JANUARY 27, 2004
First Named Inventor	TZU-FANG HUANG, ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/2592.C8/DSM/LOW K/JW
Submission Date	April 30, 2004

	U.S. PATENT DOCUMENTS				
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2 (f known)</sup>			
	A1	US-6,642,157 B1	11/04/2003	Shioya, et al.	
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Examiner Initials*	Cite	Foreign Patent Document	Publication Date Name of Patentee or	Name of Patentee or	Pages, Columns, Lines,	T6
muais	No.¹	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Where Relevant Passages or Relevant Figures Appear	ı	
	B1	WO 99/41423 A2	08/19/1999	David Cheung, et al.		
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	В3	DE 196 54 737 A1	12/30/1996	Itoh, et al.		Х
	B4					
	B5					

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1	Spplication Number	10/765,361	1
3	Filing Date	JANUARY 27, 2004	
ĺ	First Named Inventor	TZU-FANG HUANG, ET AL.	1
	Group Art Unit	UNKNOWN	1
	Examiner Name	UNKNOWN	T
	Attorney Docket Number	AMAT/2592.C8/DSM/LOW K/JW	T
	Submission Date	April _30_, 2004	T

	U.S. PATENT DOCUMENTS				
Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	No.'	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B6					
	B7					
	B8					
	B9					
	B10					

**Date Considered** 

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/765,361 Application Number Substitute for form 1449B/PTO **JANUARY 27, 2004** Filing Date TZU-FANG HUANG, ET AL. INFORMATION DISCLOSURE First Named Inventor STATEMENT BY APPLICANT **Group Art Unit UNKNOWN UNKNOWN Examiner Name** (Use as many sheets as necessary) Attorney Docket Number AMAT/2592.C8/DSM/LOW K/JW April 30 , 2004 Sheet 3 of 3 Submission Date

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	ilem (DOOK, Madazine, journal, serial, symbosium, catalog, etc.), date, badets), voiume-issue		T²	
	C1	EP Communication, Search Report, dated August 24, 2001.		
	C2	ICHIRO TAJIMA, ET AL. "Characterization of Plasma Polymers from Tetramethylsilane, Octamethylcyclotetrasiloxane, and Methyltrimethoxysilane" Journal of Polymer Science: Part A:Polymer Chemistry Vol. 25, 1737-1744 (1987).		
	C3	BIN ZHAO, ET AL. "Integration of Low Dielectric Constant Materials in Advanced Aluminum and Copper Interconnects" Conexant Systems, 4311 Jamboree Road, Newport Beach, CA 92660, 1999, pg 485-497		
	C4	LAURA PETERS, "Pursuing the Perfect Low-K Dielectric" 64 Semiconductor International, September 1998, 7 pages		
Examiner		Date Considered		

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